

FORM PTO-1390 (Modified) . U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 7-2005)

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

PZ0362

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

To be assigned **10/560553**

INTERNATIONAL APPLICATION NO.
PCT/GB2-4--3298

INTERNATIONAL FILING DATE
July 29, 2004

PRIORITY DATE CLAIMED
July 31, 2003

TITLE OF INVENTION

Production of 2-18F-2-Deoxy-D-Glucose via Solid-Phase Synthesis

APPLICANT(S) FOR DO/EO/US

Lynda Jane Brown, et.al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV345379269US**

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/560553	INTERNATIONAL APPLICATION NO. PCT/GB2--4--3298	ATTORNEY'S DOCKET NUMBER PZ0362
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23. Other items or information:

GB Search Report

The following fees have been submitted:

24. ☒ Basic national fee \$300

CALCULATIONS PTO USE

25. ☒ Examination fee (37 CFR 1.492(c))

If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article	\$0
All other situations.	\$200

\$	\$300.00
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\$ \$200.00

26. ☒ Search fee (37 CFR 1.492(b))

If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).	\$0
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the ISA as an International Searching Authority.	\$100
International Search Report prepared by an ISA other than the US and provided to the US previously communicated to the US by the IB.	\$400
All other situations.	\$500

\$500.00

TOTAL OF 24, 25 and 26 =

\$	\$1,000.00
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☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).
The fee is **\$250** for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole	RATE
40 - 100 =	0 /50 =	0	x \$250.

\$0.00

Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	8 - 20 =	0	x \$50.00
Independent claims	1 - 3 =	0	x \$200.00

\$0.00

\$ 0

MULTIPLE DEPENDENT CLAIMS (if applicable) ☐ + \$360.00

\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$1,000.00

☐ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2

\$0.00

SUBTOTAL =

\$ \$1,000.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ii)).

\$0.00

TOTAL NATIONAL FEE =

\$	\$1,000.00
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +

\$0.00

TOTAL FEES ENCLOSED =

\$ \$1,000.00

Amount to be

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Amount to be

[illegible]

10/560553

PTO-1390 (Rev. 07-2005)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 502-665 in the amount of \$ \$1,000.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502-665. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Amersham Health, Inc.
IP Department
101 Carnegie Center
Princeton, NJ 08540

SIGNATURE

Craig Bohlken

NAME

52,628

REGISTRATION NUMBER

Dec. 12, 2005

DATE

10/560553

IAP9 Rec'd PCT/PTO 12 DEC 2005

DOCKET NO. PZ0363

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.110)

APPLICANT(S): Lynda Jane Brown, et.al.

SERIAL NO.: TO BE DETERMINED

FILING DATE: December 12, 2005

INVENTION: PRODUCTION OF 2-18F-2-DEOXY-3-GLUCOSE VIA SOLID-PHASE SYNTHESIS

I hereby certify that the following correspondence including A transmittal to the US Designated/Elected Office Concerning a submission under 35 U.S.C. 371, including copy of PCT/GB2004/003287, Intl Search Report with Written Opinion and GB Search Report, IDS with non U.S. references, unsigned declaration, preliminary amendment, authorization to charge deposit account and return receipt post card are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 12, 2005.

Lori B. Allaire

Type or Printed Name of Person Mailing Correspondence



Signature of Person Mailing Correspondence

EV345379269US

"Express Mail" Mailing Label Number